The star schema should support the dimensions and measures specified in problems 1 and 2. There are two relationships between the *Calendar* and *SalesFact* tables to record both the purchase and membership dates.

ServiceId is a new derived column which provides a unique id for each service type.

ServiceType is also a new column which indicates the type of service ( Normal service or Special event)

MemTypePrice was dropped in the data warehouse design. The problem did not indicate a clear usage the data warehouse.

